SITE HEALTH AND SAFETY PLAN (HASP)-FORM 1 Prepared by: Ben Maradkel W.O. Number: Date: 2/28//01 126340010040038 **Project Identification** Site History: The site has been cited several times for Office: improper disposal. A pool of oil was identified by DOE Chicago Site Name: Morgan Site inspector during inspection. Client: U.S. EPA Work Location Address: 4801 S. Morgan Chicago, IL Scope of Work: Oversight and soil sampling. Sites visit only; site HASP not necessary. List personnel here and sign off below: Regulatory Status: Site regulatory status: Safety Officer Manual (Required to be On-Site) CERCLA/SARA **RCRA** Other Federal Agency Based on the Hazard Assessment and Regulatory Status, determine the Standard HASP(s) applicable to this project. Indicate below which Standard HASP will be used and append the X U.S. EPA TU.S. EPA □ DOE appropriate pages of this form along with the Standard Plan. ☐ Stack Test ☐ State ☐ State ☐ USACE ☐ Air Emissions ☐ NPL Site NRC ☐ Air Force ☐ Asbestos ☐ Industrial Hygiene X OSHA ☐ 10 CFR 20 X Hazard Communication (Req'd See Attachment D) X 1910 X 1926 ☐ State **Review and Approval Documentation:** Reviewed by: SO/DSM/CHS Date: Ron Bugg Name (Print) Other Date: Name (Print) Signature Approved by: **Project Manager** Ron Bugg Name (Print) Signature **Hazard Assessment and Equipment Selection:** In accordance with WESTON's Personal Protective Equipment Program and 29 CFR 1910.132, at the site prior to personnel beginning work, the SHSC and/or the Site Manager have evaluated conditions and verified that the personal protective equipment selection outlined within this HASP is appropriate for the hazards known or expected to exist. (Refer to Safety Officer Manual Section 2, Personal Protection Program, for guidance.) X SHSC Ben Maradkel Date Name (Print) Signature Project start date: 3/12/01 This site HASP must be Amendment date(s) reissued/reapproved for any 1. activities conducted after: 2. End date: 3/12/01

3.

4.
 5.

Date: 3/12/01

Organization/Branch	REVISED 02/1998WESTON RE	PRESENTATIVES-FO	RM 2
or garrie attorn branton	Name/Title	Address	Telephone
Chicago Office	Ron Bugg/ Project Manager	70 W. Madison Chicago, IL 60602	312/424-3305
Chicago Office	Ben Maradkel/ SHSC	70 W. Madison Chicago, IL 60602	312/424-3314
Roles and Responsibilities: START will be collecting soil :	: samples and conducting oversight. START	Fwill package, label and ship samp	les.
	WESTON SUE	BCONTRACTORS	
Organization/Branch	Name/Title	Address	Telephone
RW Collins CO.	Tom Cook	7225 W 66 th Street Chicago, IL 60638	708/ 458-6868
Roles and Responsibilities Excavation to a depth of 10-1	15 feet. Rubber tired backhoe will be used.		PSONNEL
SI	ITE-SPECIFIC HEALTH	AND OALLII LI	COMME
	Coordinator (SHSC) for activities to be cond		
The Site Health and Safety C		ucted at this site is Ben Maradkel	
The Site Health and Safety C The SHSC has total responsi Changing field conditions ma	Coordinator (SHSC) for activities to be cond ibility for ensuring that the provisions of this by require decisions to be made concerning	ucted at this site is Ben Maradkel s Site HASP are adequate and impleadequate protection programs. The	demented in the field.
The Site Health and Safety Control of the SHSC has total responsional Changing field conditions material SHSCs are experienced and Qualifications:	Coordinator (SHSC) for activities to be cond ibility for ensuring that the provisions of this by require decisions to be made concerning meet the additional training requirements s	ucted at this site is Ben Maradkel s Site HASP are adequate and impl adequate protection programs. The specified by OSHA in 29 CFR 1910	demented in the field.
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	HEALTH	AND SAFETY	EVALUATION-FOR	M 3		
Hazard Assessm	nent					
Background Review	w: X Complete	Partial	If partial why?			
	A	ctivities Covered	d Under This Plan:			
No.	Task/Subtask	Descrip		Schedule		
oversight Soil sampling Test Pits Excavation						
Types of Hazards: 1 Numbers refer to class.	one of the following ha	zard evaluation form	s. Complete hazard evaluati	on forms for each appropriate hazard		
Physiochemical 1	Chemically T	oxic 1	Radiation 3	Biological 2		
Flammable	X Inhalation	Carcinogen	Ionizing:	X Etiological Agent		
☐ Explosive	X Ingestion	☐ Mutagen	☐ Internal exposure ☐ External exposure	X Other (plant, insect, animal)		
☐ Corrosive	X Contact	☐ Teratogen				
Reactive	Absorptio					
O ₂ Rich		10.1000 Substance	Non-ionizing: UV IR RF MicroW Laser	X Physical Hazards 4		
O ₂ Deficient	(Air Conta	aminants)		X Construction Activities		
	Substance	ecific Hazard Standard following page for				
	Source/Location	of Contamina	nts and Hazardous S	Substances:		
☐ Air		Indirectly Related to Tasks — Nearby Process(es) That Could Affect Team Members:				
Other Surface			ty/WESTON Work Location			
☐ Groundwater			-Client Facility			
X Soil		Describe:				
☐ Surface Water			(IFNI	1 11 0 111 0		
☐ Sanitary Waste	water	Have activitie	es (task[s]) been coordinate	ted with facility?		
Process Waster	Process Wastewater Revised 02/1998					
Other						

HEALTH AND SAFETY EVALUATION-CHEMICAL HAZARDS OF CONCERN-FORM 4						
□ N/A		□ N/A				
Chemical Contaminan	ts of Concern		terials used or on-site and attach Material Safety Data Sheets (MSDSs) emicals, solutions, or other identified materials that in normal use in			
from an acceptable so	ested for chemical contaminants on HASP Form 25 or attach data sheets lurce such as NIOSH pocket guide, condensed chemical dictionary, ACGIH chemicals and concentrations below and locate data sheets in Attachment	performing tasks related subcontractors and othe chemicals and the locati of the hazardous materia	the dot to this project could produce hazardous substances. Ensure that all the parties working nearby are informed of the presence of these ation of the MSDSs. Obtain from subcontractors and other parties, lists rials they use or have on-site and identify location of the MSDSs here. Intities below and locate MSDSs in Attachment B of this HASP.			
Chemical Name	Concentration (if known)	Chemical Name	Quantity			
Heavy Metals	Unknown	Alconox				
VOC's	Unknown	Fuel (Diesel)				
	OSHA-SPECIFIC HAZA					
The following substances may require specific medical, training, or monitoring based on concentration or evaluation of risk. See the appropriate citation listed under 29 CFR 1910 or 1926 for additional information.						
1910.1001 Asbestos	1) - 1-1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	1910.1003 4-Nitrobiphenyl, etc 1910.1007 3,3'-Dichlorobenzid				
1910.1005 [Reserved]	[2] - [2] -	1910.1007 3,3 -Dichlorobenzia 1910.1011 4-Aminodiphenyl	idine (and its salts) 1910.1008 bis-Chloromethyl ether 1910.1012 Ethyleneimine			
1910.1003 beta-Prop	제품 (1877년 1871년 - 1987년 - 1987년 - 1987년 1982년	1910.1011 4-Annhodiphenyl 1910.1015 4-Dimethylaminoaz	5일 (1988년 - 1988년 -			
1910.1017 Vinyl chlo	[18] [18] [18] [18] [18] [18] [18] [18]	1910.1025 Lead (Att. FLD# 46				
1910.1028 Benzene	용면이 없는 이 10 M	1910.1043 Cotton dust	1910.1044 1,2-Dibromo-3-chloropropane			
1910.1045 Acrylonit	rile 1910.1047 Ethylene oxide	1910.1048 Formaldehyde	1910.1050 Methylenedianiline			
1910.1051 1,3 Butad	liene 1910.1052 Methylene chloride					

HEALTH AND SAFETY EVALUATION-2	BIOLOGICAL HAZARDS OF CONCERN-FORM 5
Poisonous Plants (FLD 43)	☐ Insects (FLD 43)
Location/Task No(s).: Source:	Location/Task No(s).: Source:
Immunization required: Yes No	Immunization required: Yes No
□ Snakes, Reptiles (FLD 43) Location/Task No(s).: Source: □ Known □ Suspect Route of Exposure: □ Inhalation □ Ingestion □ Contact □ Direct Penetration	X Animals (FLD 43) Location/Task No(s).: ALL Source: Known X Suspect Route of Exposure: Inhalation Ingestion X Contact Direct Penetration
Team Member(s) Allergic: Yes No Member(s) Allergic: Yes No No	Team Member(s) Allergic: Yes X No Immunization required: Yes X No
FLD 43 — WESTON Biohazard Field Operating Procedu	res: Att. OP
Sewage	X Etiologic Agents (List)
Location/Task No(s).: Source:	Location/Task No(s).: Source:
Tetanus Vaccination within Past 10 yrs: Yes No	Infiniting Tes X 100
FLD 44 — WESTON Bloodborne Pathogens Exposure Co	ontrol Plan – First Aid Procedures: Att. OP
FLD 45 — WESTON Bloodborne Pathogens Exposure Co	ontrol Plan – Working with Infectious Waste: Att. OP

HEALTH AND SAFETY EVALUATION-4 PHYSICAL HAZARDS OF CONCERN-FORM 7 Attach **Physical Hazard** OP Phy. Haz. Cond. **WESTON OP Titles** oud noise Hearing loss/disruption of communication FLD01 - Noise Protection X clement weather Rain/humidity/cold/ice/snow/lightning FLD02 - Inclement Weather eam heat stress Burns/displaced oxygen/wet working surfaces FLD03 - Hot Process - Steam Burns/hot surfaces/low pressure steam eat stress FLD04 - Hot Process - LT3 Heat rash/cramps/exhaustion/heat stroke mbient heat stress FLD05 - Heat Stress Prevention/Monitoring Hypothermia/frostbite old stress X FLD06 - Cold Stress old/wet Trench/paddy/immersion foot/edema FLD07 - Wet Feet X Falls/burns/drowning/engulfment/electrocution onfined spaces FLD08 - Confined Space Entry Thermal burns/impaction/dismemberment xplosive vapors FLD09 - Hot Work proper lifting Back strain/abdomen/arm/leg muscle/joint injury FLD10 - Manual Lifting/Handling Heavy Objects П Vehicle accidents/slips/trips/falls neven surfaces X FLD11 - Rough Terrain or housekeeping Slips/trips/falls/punctures/cuts/fires X FLD12 - Housekeeping Crushing/overhead hazards/compromised floors ructural integrity FLD13 - Structural Integrity **Bodily injury** ostile persons FLD14 - Site Security Slips/trips/falls/back strain/communication emote area FLD15 - Remote Area X Mechanical injury/fire/explosion/suffocation aproper cyl. handling FLD16 - Pressure Systems - Compressed Gases Poor visibility/entanglement/drowning/cold stress ater hazards FLD17 - Diving Drowning/heat/cold stress/hypothermia/falls FLD18 - Operation and Use of Boats ater hazards Drowning/frostbite/hypothermia/falls/electrocution ater hazards FLD19 - Working Over Water ehicle hazards Struck by vehicle/collision X FLD20 - Traffic **xplosions** Explosion/fire/thermal burns FLD21 - Explosives X loving mechanical parts Crushing/pinch points/overhead hazards/electrocution FLD22 - Heavy Equipment Operation X Overhead hazards/electrocution FLD23 - Cranes/Lifting Equipment Operation loving mech. parts orking at elevation Overhead hazards/falls/electrocution FLD24 - Aerial Lifts/Manlifts orking at elevation Overhead hazards/falls/electrocution FLD25 - Working at Elevation Overhead hazards/falls/electrocution/slips orking at elevation FLD26 - Ladders orking at elevation Slips/trips/falls/overhead hazards FLD27 - Scaffolding rench cave-in Crushing/falling/overhead hazards/suffocation FLD28 - Excavating/Trenching X nproper material handling Back injury/crushing from load shifts FLD29 - Materials Handling X Explosions/fires from oxidizing, flam./corr. material nysiochemical FLD30 - Hazardous Materials Use/Storage nysiochemical Fire and explosion FLD31 - Fire Prevention/Response Plan Required nysiochemical FLD32 - Fire Extinguishers Required X Overhead/electrocution/slips/trips/falls/fire FLD33 - Demolition ructural integrity Electrocution/shock/thermal burns FLD34 - Utilities lectrical П Electrocution/shock/thermal burns lectrical FLD35 - Electrical Safety X Heat stress/fires/burns urns/fires FLD36 - Welding/Cutting/Burning Thermal burns/high pressure impaction/heat stress npact/thermal FLD37 - High Pressure Washers npaction/electrical Smashing body parts/pinching/cuts/electrocution FLD38 - Hand and Power Tools oor visibility Slips/trips/falls FLD39 - Illumination П re/explosion Burns/impaction FLD40 - Storage Tank Removal/Decommissioning ommunications Disruption of communications FLD41 - Std. Hand/Emergency Signals Unexpected release of energy FLD42 - Lockout/Tagout nergy/release ogging/ground clearing/grubbing activities Operations associated with felling/moving of trees/brush/logs FLD47 - Clearing, Grubbing, and Logging Operations

Electrocution/overhead hazards/pinch points

1.6 - Drilling Safety Guide

rilling hazards

Back to Top TASK-BY-TASK RISK ASSESSMENT-FORM 8 (COMPLETE ONE SHEET FOR EACH TASK) TASK DESCRIPTION 2. Soil Sampling 3. Excavation of Testpits w/ Excavater **EQUIPMENT REQUIRED/USED** (Be specific, e.g., hand tools, heavy equipment, instruments, PPE) Modified D PPE, scoper and jar for soil sampling, sub contrator will use a backhoe to excavate. POTENTIAL HAZARDS/RISKS Chemical X Hazard Present Risk Level: H H M X L What justifies risk level? Suspect, No history **Physical** Risk Level: H X M L X Hazard Present What justifies risk level? Excavating, potential for slip/trip/falls, cold weather Biological X Hazard Present Risk Level: HMM X L What justifies risk level? Out doors. Potential for animals being present. Contaminated soil. RADIOLOGICAL Risk Level: HMML Hazard Present What justifies risk level? LEVELS OF PROTECTION/JUSTIFICATION Modified Level D

SAFETY PROCEDURES REQUIRED AND/OR FIELD OPS UTILIZED

WESTON FLD/ SOP on Site

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PERSONNEL PROTECTION PLAN-FORM 9				
Engineering Controls Describe Engineering Controls used as part of Personnel Protection Plan:				
Task(s) 1				
Administrative Controls Describe Administrative Controls used as part of Personnel Protection Plan:				
Task(s) Limit time in the Exclusion Zone. Limit time in the Exclusion Zone. Limit time in the Exclusion Zone.				
Personal Protective Equipment Action Levels for Changing Levels of Protection. Refer to HASP Form 13, Site Air Monitoring Program	n—Action Levels. Define Action Levels for up or down grade for each task:			
Task(s) 1				
Level D	Level D Modified			
Task(s):	Task(s):			
X Head	X Head			
X Eye and Face	X Eye and Face			
X Hearing	X Hearing			
Arms and Legs Only	Arms and Legs Only			
Appropriate Work Uniform	☐ Whole Body			
X Hand - Gloves	Apron			
X Foot - Safety Boots	X Hand - Gloves			
Fall Protection	X Gloves Nitrile			
☐ Flotation	Gloves			
Other	X Foot - Safety Boots			
	X Over Boots Nitrile			

SITE OR PROJECT HAZARD MONITORING PROGRAM-FORM 11 **Air Monitoring Instruments** Instrument Selection and Initial Check Record Reporting Format: X Field Notebook Field Data Sheets* Air Monitoring Log Trip Report Other Checked Task Number Number Upon Required Instrument No.(s) Received Receipt Comment Initials ☐ CGI □ O₂ CGI/O₂ CGI/O₂/tox-PPM, H₂S,H₂S/CO RAD GM (Pancake) NaI (Micro R) ZnS (Alpha Scintillator) Other __ PID ☐ HNu 10.2 ☐ HNu 11.7 Photovac, TMA OVM Other ☐ FID Fox 128 Heath, AID, Other RAM, Mini-RAM, Other ☐ Monitox Specify: Personal Sampling Specify: ☐ Bio-Aerosol Monitor Pump - MSA, Dräeger, Sensidyne Tubes/type: Tubes/type: X Other Multi Rae, TVA, XRF 1,2,3

*Refer to Attachment E.

SITE OR PROJECT HAZARD MONITORING PROGRAM-FORM 12 **Air Monitoring Instruments Calibration Record** Instrument, Calib. Initial Final Mfg., Model, Calib. Method Setting and Setting and Calibrator's Reading Equip. ID No. Material Reading Date Time Mfg.'s Other Initials

SITE AIR MONITORING PROGRAM-FORM 13

Action Levels

	Tasks	Action Level		Action
Explosive atmosphere		Ambient Air Concentration	Confined Space Concentration	
		<10% LEL	0 to 1% LEL	Work may continue. Consider toxicity potential.
		10 to 25% LEL	1 to 10% LEL	Work may continue. Increase monitoring frequency.
		>25% LEL	>10% LEL	Work must stop. Ventilate area before returning.
☐ Oxygen		Ambient Air Concentration	Confined Space Concentration	
		<19.5% O ₂	<19.5% O ₂	Leave area. Re-enter only with self-contained breathing apparatus.
		19.5% to 25% O ₂	19.5% to 23.5% O ₂	Work may continue. Investigate changes from 21%.
		>25% O ₂	>23.5% O ₂	Work must stop. Ventilate area before returning.
Radiation	The Market	< 3 times background		Continue work.
		3 times background 3 times background to < 1 mR/hour		Radiation above background levels (normally 0.01-0.02 mR/hr) signifies possible radiation source(s) present. Continue investigation with caution. Perform thorough monitoring. Consult with a Health Physicist.
		> 1 mrem/hour		Potential radiation hazard Evacuate site. Continue investigation only upon the advice of Health Physicist.
X Organic gases and vapors	1,2,3	Depends on Chemical W/ Multi Rae D- C- ½ PEL/TLV of unknown chemical		Consult reference manuals for air concentration vs. PEL/TLV and toxicity data.
X Inorganic gases, vapors, and particulates				

	mergen	Icy Contacts and Phone Numl	Phone Number
Agency Facility (LATE)			
Local Medical Emergency Facility		St. Patrick Family Hospital	773/ 523-9550
WESTON Medical Emergency Co	ntact	EMR - Dr. Elyane Theriault	1-800-229-3674
WESTON Health and Safety		Corporate Health and Safety	(610) 701-3000
		Ron Bugg/ START H&S Manager	312/ 424-3305
Fire Department		911	911
Police Department		911	911
On-Site Coordinator- SHSC		Ben Maradkel	312/ 424-3314
Client Site Contact		Steve Faryan	312 / 353-9351
Site Telephone		TBD	TBD
Nearest Telephone	L	TBD ocal Medical Emergency Facility(s)	TBD
Name of Hospital: St. Patrick Fa	The Paris		
Address: 3344 S. Halsted St., Ch	TANK BUILD		Phone No.: 773/ 523-9550
Name of Contact:	Phone No.:		
Type of Service: Physical trauma only Chemical exposure only X Physical trauma and chemical exposure X Available 24 hours		Hospital (written detail): (next page)	Travel time from site 7 min. Distance to hospital: 2.1 miles Name/no. of 24-hr ambulance service:
77774IIIIOIO 2-1 NOUIS	Sec	ondary or Specialty Service Provider	
Name of Hospital:			
Address:			Phone No.:
Name of Contact:			Phone No.:
Type of Service: Physical trauma only	Route to	Hospital (written detail):	Travel time from site
☐ Chemical exposure only ☐ Physical trauma and chemical			Distance to hospital:
exposure Available 24 hours			Name/no. of 24-hr ambulance service:
exposure	e permits or	Figure 1. Route to Hospital attach on next sheet.)	



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-W 33rd PI

Create My Locations - Sign In

· Email Directions

Get Reverse Directions

Yahoo! Yellow Pages

Starting from: 4801 South Morgan, Chicago, IL 60609-4322

★Benjamin Narrajos MD - St Patrick Family Health

an Pasce 21 00ft Playground

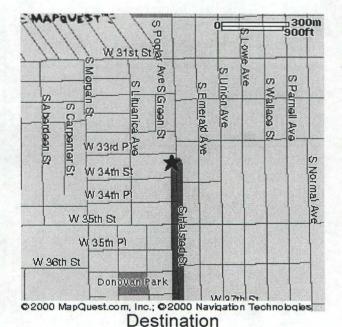
3344 S Halsted St, Chicago, IL 60608 Arriving at:

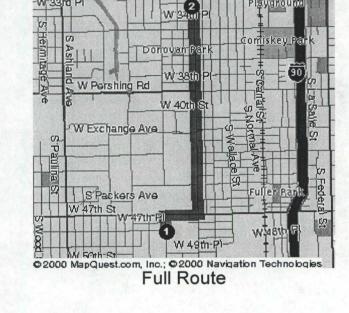
(773) 523-9550

Distance: 2.1 miles

W 32nd PW 33rd St

Approximate Travel Time: 7 mins





Miles
. 0.1
0.2
1.7

Like any driving directions/map, you should always do a reality check and make sure the road still exists, watch out for construction, and follow all traffic safety precautions. This is only to be used as an aid in planning.

Driving Directions

New Location

Enter a starting address or select from My Locations

) Enter a destination address or select from My Locations

	CON	TINGENCIES-FORI	M 16		
		Response Plans			
Medical - General Provide first aid, if trained; assess and determine need for further medical assistance. Transport or arrange for transport after appropriate decontamination.		First Aid Kit: YES	Type A	Location Vehicle	Special First-Aid Procedures: Cyanides on-site Yes X No If yes, contact LMF. Do they have antidote kit? Yes X No
		Eyewash required X Yes No	Туре	Location First aid kit/ vehicle	HF on-site Yes X No If yes, need neutralizing ointment for first-aid kit. Contact LMF.
		Shower required Yes X No	Туре	Location	
Plan for Response to N/A Spill/Release		The state of the s	N/A		Fire Extinguishers
In the event of a spill or release, ensure safety, assess situation, and perform containment and control measures, as appropriate.	a. Cleanup per MSDSs if small; or sound alarm, call for assistance, notify Emergency Coordinator b. Evacuate to pre- determined safe place c. Account for personnel d. Determine if team can respond safely e. Mobilize per Site Spill Response Plan	In the event of a fire or explosion, ensure personal safety, assess situation, and perform containment and control measures, as appropriate:	a. Sound alarm and call for assistance, notify Emergency Coordinator b. Evacuate to predetermined safe place c. Account for personnel d. Use fire extinguisher only if safe and trained in its use e. Stand by to inform emergency responders of materials and conditions		Type/Location / / / / / / / / / / / / / / / / / / /
Description of Spill Response Gear	Location	Description (Other Fire	e Response E	Equipment)	Location
Plan to Respond to Security F	roblems				

DECONTAMINATION PLAN-FORM 17
Personnel Decontamination
Consistent with the levels of protection required, step-by-step procedures for personnel decontamination for each level of protection are attached.
Levels of Protection Required for Decontamination Personnel
The levels of protection required for personnel assisting with decontamination will be:
Level B Level C X Level D Modifications include: Nitrile boots, Nitrile gloves
Disposition of Decontamination Wastes
Provide a description of waste disposition, including identification of storage area, hauler, and final disposal site, if applicable:
If contamination is not detected, the material will be considered non-hazards and discarded as such. If the material is determined to be hazards waste the martial will be labeled as such & left on site W/ OSC approval.
Equipment Decontamination
A procedure for decontamination steps required for non-sampling equipment and heavy machinery follows:
Subcontaor-
The Ecavator will be dry decon for soil condtion. If the material is in liquid form (drums other container detected. The bucket will be decon (wet w/ soap (alconox)
Sampling Equipment Decontamination
Sampling equipment will be decontaminated in accordance with the following procedure:
The sampling equipment- plastic sampling spoon will be used at each location and then discarded.

LEVEL D/MODIFIED LEVEL D DECONTAMINATION PLAN-FORM 18
Check indicated functions or add steps, as necessary:
Function Description of Process, Solution, and Container
Segregated equipment drop
Boot cover and glove wash
Boot cover and glove rinse
Tape removal - outer glove and boot
Boot cover removal
Outer glove removal
HOTLINE
Suit/safety boot wash
Suit/boot/glove rinse
Safety boot removal
□Suit removal
☐ Inner glove wash
☐ Inner glove rinse
☐Inner glove removal
☐ Inner clothing removal
CONTAMINATION REDUCTION ZONE (CRZ)/SAFE ZONE BOUNDARY
Field wash
Redress
Disposal Plan, End of Day:
[1982년 1일
Disposal Plan, End of Week:
나는 내가 가게 가는 것이 되었다. 그는 그들은 사람들은 사람들은 사람들은 사람들이 되었다.
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[2012] [10] [10] [10] [10] [10] [10] [10] [10
Disposal Plan, End of Project:
Dispusai Fian, End di Fidject.
내용하다 하는 사람들은 사람들이 가득하는 것이다.
"" 이 사람들은 살이 가는 살아왔다면 나를 가게 하는 것이 없는 것이 없는 것이 없는 것이 없는 것이 없다면
:

SITE PERSONNEL AND CERTIFICATION STATUS-FORM 21						
WESTON						
Name: Ben Maradkel Title: Site Lead/SHSC Task(s): Oversight/ Sampling Certification Level or Description: C-T		Name: Ron Bugg Title: Project Manager Task(s): Oversight/ Sampling Certification Level or Description: B-S				
X Medical Current	X Training Current	X Medical Current X Training Current				
Fit Test Current (Qual.)	X Fit Test Current (Quant.)	Fit Test Current (Qual.)	X Fit Test Current (Quant.)			
Name: Title: Task(s): Certification Level or Description: Medical Current Training Current		Name: Title: Task(s): Certification Level or Description: Medical Current Fit Test Current (Quant.) Fit Test Current (Quant.)				
Fit Test Current (Qual.) Name: Title: Task(s): Certification Level or Description: Medical Current Fit Test Current (Qual.)	Training Current Fit Test Current (Quant.)	Name: Title: Task(s): Certification Level or De				
Name: Title: Task(s): Certification Level or Description: Medical Current Fit Test Current (Qual.)	Training Current Fit Test Current (Quant.)	Name: Title: Task(s): Certification Level or De	scription: Training Current Fit Test Current (Quant.)			
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Name: Title: Task(s): Certification Level or Description: Medical Current Fit Test Current (Qual.)	Training Current Fit Test Current (Quant.)	Name: Title: Task(s): Certification Level or De Medical Current Fit Test Current (Qual.)	scription: Training Current Fit Test Current (Quant.)			

TRAINING CURRENT - Training: All personnel, including visitors, entering the exclusion or contamination reduction zones must have certifications of completion of training in accordance with OSHA 29 CFR 1910, 29 CFR 1926, or 29 CFR 1910.120.

FIT TEST CURRENT - Respirator Fit Testing: All persons, including visitors, entering any area requiring the use or potential use of any negative pressure respirator must have had, as a minimum, a qualitative fit test, administered in accordance with OSHA 29 CFR 1910.134 or ANSI, within the last 12 months. If site conditions require the use of a full-face, negative-pressure, air-purifying respirator for protection from asbestos or lead, employees must have had a qualitative fit test, administered according to OSHA 29 CFR 1910.1001 or 1025/1926, within the last 6 months.

MEDICAL CURRENT - Medical Monitoring Requirements: All personnel, including visitors, entering the exclusion or contamination reduction zones must be certified as medically fit to work and to wear a respirator, if appropriate, in accordance with 29 CFR 1910, 29 CFR 1926/1910, or 29 CFR 1910.120.

The Site Health and Safety Coordinator is responsible for verifying all certifications and fit tests.

SITE PERSO	NNEL AND CERTII	FICATION STA	TUS-FO	RM 22		
	ctor's Health and S	Safety Program	Evalua	ation		
Name of Subcontractor: RW Collins (CO.					
Activities To Be Conducted by Subcont		Salar and Salar				
	Evaluation	Criteria	300	3.45% January 6.		
Medical program meets OSHA/WESTON crite	Personal protective equ	ipment available	On-site monitoring equipment available, calibrated, and operated properly			
X Acceptable Unacceptable Comments:	X Acceptable Unacceptable Comments:	Unacceptable		☐ Acceptable ☐ Unacceptable Comments: N/A		
Safe working procedures clearly specified	Training meets OSHAW	VESTON criteria	Emergency	y procedures		
X Acceptable Unacceptable Comments:	X Acceptable Unacceptable Comments:		X Acceptable Unacceptable Comments:			
Decontamination procedures X Acceptable Unacceptable Comments:	General health and safe X Acceptable Unacceptable Comments:	ety program evaluation	Additional comments: X Subcontractor has agreed to and will conform with the WESTON HASP for this project. Subcontractor will work under his own HASP, which has been accepted by project PM.			
Evaluation Conducted by:			Date:	OL PIVI.		
	Subcont	ractor	The state of the s			
Name: Title: Task(s): Certification Level or Description:	Training Current	Name: Title: Task(s): Certification I	Level or De	Training Current		
Fit Test Current (Qual.)	Fit Test Current (Quant.)	Fit Test Current (C	Qual.)	Fit Test Current (Quant.)		
Name: Title: Task(s): Certification Level or Description:		Name: Title: Task(s): Certification I	Title:			
Medical Current	Training Current	Medical Current		Training Current		
Fit Test Current (Qual.)	Fit Test Current (Quant.)	Fit Test Current (C	Qual.)	Fit Test Current (Quant.)		
Name: Title: Task(s): Certification Level or Description:		Name: Title: Task(s): Certification I	Level or De	escription:		
Medical Current	Training Current	Medical Current		Training Current		
Fit Test Current (Oual.)	Fit Test Current (Quant.)	Fit Test Current (C				

HEALTH AND SAFETT P	LAN APPROVALISIGNOFF FORM-F	ORIVI 23
Site Name:	WO#:	
Address:		
I understand, agree to, and will conform with the	information set forth in this Health and Safety Pla	an (and attachments) and
discussed in the personnel health and safety brief	ing(s).	
Name	Signature	Date
		The same through
		-
The Photo Company of the Company of	Control of the Contro	
<u> </u>		
		74 1 48 41

TRAINING AND BRIEFI	NG TOPICS-FORM 24
The following items will be covered at the site-specific training me	eeting, daily or periodically.
⊠Site characterization and analysis, Sec. 3.0, 29 CFR 1910.120 I	Level A
☑ Physical hazards, HASP Form 07	Level B
⊠Chemical hazards, HASP Form 04	Level C
Animal bites, stings, and poisonous plants	⊠ Level D
Etiologic (infectious) agents	⊠Monitoring, 29 CFR 1910.120 (h)
☐ Site control, 29 CFR 1910.120 d	Decontamination, 29 CFR 1910.120 (k)
Engineering controls and work practices, 29 CFR 1910.120 (g)	Emergency response, 29 CFR 1910.120 (l)
Heavy machinery	Elements of an emergency response, 29 CFR 1910.120 (l)
Forklift	Procedures for handling site emergency incidents, 29 CFR 1910.120 (l)
⊠ Backhoe	Off-site emergency response, 29 CFR 1910.120 (l)
⊠ Equipment	☐ Handling drums and containers, 29 CFR 1910.120 (j)
Tools	Opening drums and containers
☐ Ladder, 29 CFR 1910.27 (d)/29 CFR 1926	⊠ Electrical material handling equipment
Overhead and underground utilities	Radioactive waste
Scaffolds	☐ Shock-sensitive waste
Structural integrity	Laboratory waste packs
Unguarded openings - wall, floor, ceilings	☐ Sampling drums and containers
Pressurized air cylinders	☐ Shipping and transport, 49 CFR 172.101, IATA
Personal protective equipment, 29 CFR 1910.120 (g); 29 CFR 1910.134	☐ Tank and vault procedures
Respiratory protection, 29 CFR 1910.120 (g); ANSI Z88.2	☐ Illumination, 29 CFR 1910.120 (m)
	Sanitation, 29 CFR 1910.120 (n)

Hazardous Substance/Tasks	Physical Properties	Normal Physical State	State At Site/Proj. Temp.	Characteristics	Exposure Limits	Route(s) of Exposure/ Symptoms	Monitoring Instruments/ Ionization Potential + % Response
	Explosive	Solid	Solid	pH:	CA	☐ Inhalation	HNu
	Flammable	Liquid	Liquid	FP:	PEL	☐ Ingestion	☐ 11.7 eV
	Corrosive	Gas	Gas	LEL:	☐ TLV	Skin Absorption	☐ 10.2 eV
	Reactive			UEL:	DIDLH	Contact	OVM
- , 74-6	☐ Water Reactive			Auto. lg.:	Only toxicological data available	☐ Direct Penetration	10.0/10.6 eV
	Oxidizer			BP:	Other:	Other:	☐ 11.8 eV
CAS No:	Radioactive	Incompatible Wi	th:	MP:			CGI
21	Other			Sp. Gr.:			OVA
Synonyms:				Vap. D.:		Symptoms:	
				Vap. P.:	The Trans		
				H₂O Sol.:			IP:
		STANSON,		Other:			
							% Response:

Form 26 – Attachment B – Material Safety Data Sheets (MSDSs)

Insert Material Safety Data Sheets (MSDSs) here.

Please reduce your browser font size for better viewing and printing.

MSDS

Material Safety Data Sheet

National Response in Canada CANUTEC: 613-996-6666

Outside U.S. and Canada Chemirec: 202-483-7618

NOTE: CHEMTREC, CANUTEC and National Response Center emergency numbers to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving chemicals.

24 Hour Emergency Telephone: 908-859-2151 CHEMTREC: 1-800-424-9300

All non-emergency questions should be directed to Customer Service (1-800-582-2537) for assistance.

LCONOX(R)

rom: Mallinckrodt Baker, Inc.

222 Red School Lane

Phillipsburg, NJ 08865

SDS Number: A2052 --- Effective Date: 02/21/00

Product Identification

Synonyms: Proprietary blend of sodium linear alkylaryl sulfonate, alcohol sulfate, phosphates, and

carbonates.

CAS No.: Not applicable.

Molecular Weight: Not applicable to mixtures. Chemical Formula: Not applicable to mixtures.

Product Codes: A461

Composition/Information on Ingredients

Ingredient	CAS No	Percent	Hazardous
Alconox(R) proprietary detergent mixture	N/A	90 - 100%	Yes

Hazards Identification

Emergency Overview

CAUTION! MAY BE HARMFUL IF SWALLOWED OR INHALED. MAY CAUSE IRRITATION TO EYES AND RESPIRATORY TRACT.

J.T. Baker SAF-T-DATA^(tm) Ratings (Provided here for your convenience)

Health Rating: 1 - Slight Flammability Rating: 0 - None Reactivity Rating: 1 - Slight Contact Rating: 2 - Moderate

Lab Protective Equip: GOGGLES; LAB COAT Storage Color Code: Orange (General Storage)

Potential Health Effects

Inhalation:

May cause irritation to the respiratory tract. Symptoms may include coughing and shortness of breath.

Ingestion:

May cause irritation to the gastrointestinal tract. Symptoms may include nausea, vomiting and diarrhea.

Skin Contact:

No adverse effects expected.

Eye Contact:

May cause irritation, redness and pain.

Chronic Exposure:

No information found.

Aggravation of Pre-existing Conditions:

No information found.

First Aid Measures

Inhalation:

Remove to fresh air. Get medical attention for any breathing difficulty.

Ingestion:

If swallowed, DO NOT INDUCE VOMITING. Give large quantities of water. Never give anything by mouth to an unconscious person. Get medical attention.

Skin Contact:

Wash exposed area with soap and water. Get medical advice if irritation develops.

Eye Contact:

Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

Fire Fighting Measures

Fire:

Not expected to be a fire hazard.

Explosion:

No information found.

Fire Extinguishing Media:

Dry chemical, foam, water or carbon dioxide.

Special Information:

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

Accidental Release Measures

Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Spills: Pick up and place in a suitable container for reclamation or disposal, using a method that does not generate dust. When mixed with water, material foams profusely. Small amounts of residue may be flushed to sewer with plenty of water.

Handling and Storage

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Moisture may cause material to cake. Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for //www.jtbaker.com/msds/a2052.htm

Exposure Controls/Personal Protection

Airborne Exposure Limits:

- OSHA Permissible Exposure Limit (PEL):

15 mg/m3 total dust, 5 mg/m3 respirable fraction for nuisance dusts.

- ACGIH Threshold Limit Value (TLV):

10 mg/m3 total dust containing no asbestos and < 1% crystalline silica for Particulates Not Otherwise Classified (PNOC).

Ventilation System:

A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, *Industrial Ventilation*, *A Manual of Recommended Practices*, most recent edition, for details.

Personal Respirators (NIOSH Approved):

If the exposure limit is exceeded, a half-face dust/mist respirator may be worn for up to ten times the exposure limit or the maximum use concentration specified by the appropriate regulatory agency or respirator supplier, whichever is lowest. A full-face piece dust/mist respirator may be worn up to 50 times the exposure limit, or the maximum use concentration specified by the appropriate regulatory agency, or respirator supplier, whichever is lowest. For emergencies or instances where the exposure levels are not known, use a full-facepiece positive-pressure, air-supplied respirator. WARNING: Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.

Skin Protection:

Wear protective gloves and clean body-covering clothing.

Eye Protection:

Use chemical safety goggles. Maintain eye wash fountain and quick-drench facilities in work area.

Physical and Chemical Properties

Appearance:

White powder interspersed with cream colored flakes.

Odor:

No information found.

Solubility:

Moderate (1-10%)

Specific Gravity:

No information found.

pH:

No information found.

% Volatiles by volume @ 21C (70F):

0

Boiling Point:

No information found.

Melting Point:

No information found.

Vapor Density (Air=1):

No information found.

Vapor Pressure (mm Hg):

No information found.

Evaporation Rate (BuAc=1):

No information found.

). Stability and Reactivity

Stability:

Stable under ordinary conditions of use and storage.

Hazardous Decomposition Products:

Carbon dioxide and carbon monoxide may form when heated to decomposition.

Hazardous Polymerization:

Will not occur.

Incompatibilities:

No information found.

Conditions to Avoid:

No information found.

l. Toxicological Information

No LD50/LC50 information found relating to normal routes of occupational exposure.

2. Ecological Information

Environmental Fate:

This product is biodegradable.

Environmental Toxicity:

No information found.

3. Disposal Considerations

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

1. Transport Information

Not regulated.

5. Regulatory Information

TSCA	EC	Japan	Australia	
Yes	No	No	No	
7		ISCA EC Yes No		TSCA EC Japan Australia Yes No No No

--Canada--

-----\Chemical Inventory Status - Part 2\------

Ingredient		Korea	DSL		Phil.
Alconox(R) proprietary detergent mixture		No	No	Yes	No
\Federal, State & International	-SARA	302-		SARA	313
Ingredient			List		cal Catg.
Alconox(R) proprietary detergent mixture			No		No
\Federal, State & International	Regulati	ons -	Part 2\ -RCRA-		
Ingredient	CERCL	A	261.33	8 (d	1)
Alconox(R) proprietary detergent mixture	No		No	No	
emical Weapons Convention: No TSCA RA 311/312: Acute: Yes Chronic: No activity: No (Pure / Solid)					

Australian Hazchem Code: No information found.

Poison Schedule: No information found.

WHMIS:

This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

5. Other Information

NFPA Ratings: Health: 0 Flammability: 0 Reactivity: 0

Label Hazard Warning:

CAUTION! MAY BE HARMFUL IF SWALLOWED OR INHALED. MAY CAUSE IRRITATION TO EYES AND RESPIRATORY TRACT.

Label Precautions:

Avoid contact with eyes.

Keep container closed.

Use with adequate ventilation.

Avoid breathing dust.

Wash thoroughly after handling.

Label First Aid:

If swallowed, DO NOT INDUCE VOMITING. Give large quantities of water. Never give anything by mouth to an unconscious person. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. In case of eye contact, immediately flush eyes with plenty of water for at least 15 minutes. In all cases, get medical attention.

Product Use:

Laboratory Reagent.

Revision Information:

MSDS Section(s) changed since last revision of document include: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 15, 16.

Disclaimer:

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Prepared by: Strategic Services Division Phone Number: (314) 539-1600 (U.S.A.)

MATERIAL SAFETY DATA SHEET

naeffer Mfg. Company ! Barton Street Louis, MO 63104

Emergency Telephone No. (314) 865-4105 or (800) 325-9962

SECTION 1 - PRODUCT INFORMATION

Trade Name: #137 Diesel Treat 2000 mical Family: Petroleum Hydrocarbons mula: Proprietary Mixture.

SECTION 2 – HAZARDOUS INGREDIENTS

MPONENTS-CHEMICAL NAMES AND COMMON	CAS Number	%	Exposure Limits				
WES			S. A. I	VL	PE	1	
	A STATE OF THE STA		ppm	mg/m ³	ppm	mg/m ³	
roleum Distillate	68477-31-6	6-8	1 S. S. S. S.	5		5	
hthalene	91-20-3	.86	10	52	10	50	
hiocyanomethylthio) Benzothiazole	21564-17-6	<1	NE		NE		
ivy Aromatic Naphtha	64742-94-5	.2-1		5	W. Jan	5	
thyl Hexyl Nitrate	27247-96-7	30-40	8				
nt Naphthenic Distillate	64742-53-6	25-30	The state of the state of	5		5	
ene	1330-20-7	.87	100	434	150	651	

Section 3 - PHYSICAL DATA

ling Point:	300° F/148.8° C	Specific Gravity:	.9083
oor Pressure (mm, Hg):	<.1	% Volatile:	<15
oor Density (Air = 1):	Not Determined	Evaporation Rate: (=1)	Not Determined
ubility in Water:	Disperses	pH:	Not Applicable

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flammability Limits UEL & LEL ---- Not Determined sh Point (Method) ° F/° C: 75° F/23.89° C PMCC

inguishing Media: Carbon dioxide foam, dry chemical foam, sand, earth, waterfog.

ecial Fire Fighting Procedures: For fires involving this material, do not enter any enclosed or confined space without tective equipment including self-contained breathing apparatus. Cool exposed containers with waterspray. Avoid breathing

usual Fire & Explosion Hazards: This product is flammable.

SECTION 5 - REACTIVITY HAZARD DATA

ABILITY [X] STABLE []UNSTABLE Hazardous Decomposition [] WILL [X] WILL NOT OCCUR

nditions to Avoid: High heat, high energy ignition sources

ompatibility (Mat. to avoid): Strong oxidizing agents, amines, phenols, halogen compounds.

zardous Decomposition Products: Oxides of carbon and nitrogen.

nditions to Avoid: None.

SECTION 6 - HEALTH HAZARD DATA

reshold Limit Value and Sources: None established.

ute Effects of Overexposure:

jestion: Harmful or fatal if swallowed.

e Contact: Liquid contact produces severe irritation to the eyes.

in Contact: Prolonged and repeated contact with the skin can cause redness or severe irritation.

nalation: Inhalation of vapors can cause headache, dizziness, nausea, or decreased blood pressure.

IRONIC EFFECTS OF OVEREXPOSURE: None currently known.

nergency and First Aid Procedures:

vallowing: If a large amount of this material is swallowed give a large amount of water to drink. Do not induce vomiting. ek medical attention immediately.

in: Wash skin thoroughly with soap and water. Launder contaminated clothing.

nalation: Remove victim to fresh air. If breathing has stopped start artificial respiration immediately.

es: Flush eyes with clear, cool, clean water for 15 minutes. Seek medical attention immediately

//schaefferoil.com/msds/137.htm

SECTION 7 - SPILL OR LEAK PROCEDURES

vironmental Impact: This material is not expected to present any environmental problems other than those associated with spills. If spilled into a watercourse, call the Coast Guard Toll Free No. 800-424-8802.

ocedures To Be Taken If Material Is Released or Spilled: Eliminate all sources of ignition. Absorb spills with absorbent y. Ventilate confined spaces. Keep out of sewers and watercourses.

iste Disposal Method: Dispose of at an approved waste or disposal site facility in accordance with all applicable federal, ite and local laws and regulations.

SECTION 8 – SPECIAL PROTECTION INFORMATION

spiratory Protection: None required under ordinary conditions of use.

ntilation: No special requirement under ordinary conditions of use and with adequate ventilation.

e Protection: Goggles of face shield.

otective Clothing: Use air-supplied mask if used in confined space.

SECTION 9 - SPECIAL PRECAUTIONS

ecautions To Be Taken In Handling and Storage: Do not store near heat, spark, flame or strong oxidizers. Keep ntainers closed when not in use.

ecial Comments: Avoid breathing vapors. Avoid prolonged or repeated skin contact. Remove contaminated shoes and thing. Throw away shoes. Launder clothing before reuse. Wash thoroughly with soap and water after use.

SECTION 10 - ADDITIONAL HEALTH AND TOXICOLOGICAL DATA

HMIS & NFPA Ratings: Health = 2 Fire = 3 Reactivity = 0

ntaminated clothing should be disposed of properly and/or decontaminated before reuse. Under no circumstance should miting be induced. Vomiting can cause aspiration of the product into the lungs. If aspirated into the lungs, chemical eumonia, which may cause death in spite of treatment with oxygen and antibiotics, may result.

bable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory pression and convulsion may be needed.

is product does not contain any levels of the chemicals that are listed as potential cancer causing agents as determined by National Toxicology Program's Annual Reports, OSHA's Subpart Z list, the International Agency for Cancer Research's prograph's or the State of California's Proposition 65 list.

SARA TITLE III INFORMATION

r SARA Title III Information, see below.

ction 302/304 Extremely Hazardous

ction 313 Toxic Chemical

mponent

ylbenzene

phthalene

ene

mponent	C.	A0#	70	RQ (IDS.)	RQ (gal.)
ne					
ction 102(a) CERCLA Hazardous					
bstance		Control of the	100	The second second second	
mponent	C	AS#	%	RQ (lbs.)	RQ (gals.)
ıvİbenzene	10	00-41-4	.022	1000	66,138-661,376
phthalene	9	1-20-3	.86	100	1528
ene	13	330-20-7	.87	1000	15,204
oduct RQ for Stationary Sources					.0,20
oduct No for Stationary Sources	INCICASE INC	guiatory.			
e Section 311 Hazardous Catego	rization				
	Acute	Chronic	Fire	Pressure	Reactivity
	X	X	X		. todouvity

CAS# 100-41-4

91-20-3

1330-20-7

hough the information and recommendations set forth herein (hereafter referred to as information) are presented in good h and believed to be accurate and factual as of the date hereof, Schaeffer Mfg. Company makes no representation as to the mpleteness or accuracy thereof. Information is supplied upon the condition that the person receiving the same will make their n determination as to its safety and suitability for their purposes prior to use. In no event will Schaeffer Mfg. Company be aponsible for damages of any natures whatsoever resulting from the use or reliance upon information. No representation or rranty, either expressed or implied, of merchantability or fitness for a particular purpose is made with respect to

.02 - .2

ormation of the product to which the information refers.

Form 27 – Attachment C – Safety Procedures/Field Operating Procedures (FLD Ops)

Insert the appropriate Safety Procedures/Field Operating Procedures here.

Rober to WESTON SOP Manuel on site -

SITE-SPECIFIC HAZARD COMMUNICATION PROGRAM-FORM 28

Location-Specific Hazard Communication Program/Checklist

To ensure an understanding of and compliance with the Hazard Communication Standard, WESTON will use this checklist/document (or similar document) in conjunction with the WESTON Written Hazard Communication Program as a means of meeting site- or location-specific requirements.

While responsibility for activities within this document reference the WESTON Safety Officer (SO), it is the responsibility of all personnel to effect compliance. Responsibilities under various conditions can be found within the WESTON Written Hazard Communication Program.

To ensure that information about the dangers of all hazardous chemicals used by WESTON are known by all affected employees, the following Hazard Communication Program has been established. All affected personnel will participate in the Hazard Communication Program. This written program, as well as WESTON's Corporate Hazard Communication Program, will be available for review by any employee, employee representative, representative of OSHA, NIOSH, or any affected employer/employee on a multi-employer site.

Site or other location name/address:	
Site/Project/Location Manager:	
Site/Location Safety Officer:	
List of chemicals compiled, format: HASP Other:	
Location of MSDS files:	
Training conducted by: Name:	Date:
Indicate format of training documentation: Field Log: Other:	
Client briefing conducted regarding hazard communication:	
If multi-employer site (client, subcontractor, agency, etc.), indicate name	of affected companies:
Other employer(s) notified of chemicals, labeling, and MSDS information	
Has WESTON been notified of other employer's or client's hazard necessary? ☐ Yes ☐ No	communication program(s), as

List of Hazardous Chemicals

A list of known hazardous chemicals used by WESTON personnel must be prepared and attached to this document or placed in a centrally identified location with the MSDSs. Further information on each chemical may be obtained by reviewing the appropriate MSDS. The list will be arranged to enable cross-reference with the MSDS file and the label on the container. The SO or Location Manager is responsible for ensuring the chemical listing remains up-to-date.

Container Labeling

The WESTON SO will verify that all containers received from the chemical manufacturer, importer, or distributor for use on-site are clearly labeled.

The SO is responsible for ensuring that labels are placed where required and for comparing MSDSs and other information with label information to ensure correctness.

Material Safety Data Sheets (MSDSs)

FORM 28

The SO is responsible for establishing and monitoring WESTON's MSDS program for the location. The SO will ensure that procedures are developed to obtain the necessary MSDSs and will review incoming MSDSs for new or significant health and safety information. He/she will see that any new information is passed on to the affected employees. If an MSDS is not received at the time of initial shipment, the SO will call the manufacturer and have an MSDS delivered for that product in accordance with the requirements of WESTON's Written Hazard Communication Program.

A log for, and copies of, MSDSs for all hazardous chemicals in use will be kept in the MSDS folder at a location known to all site workers. MSDSs will be readily available to all employees during each work shift. If an MSDS is not available, immediately contact the WESTON SO or the designated alternate. When a revised MSDS is received, the SO will immediately replace the old MSDS.

Employee Training and Information

The SO is responsible for the WESTON site-specific personnel training program. The SO will ensure that all program elements specified below are supplied to all affected employees.

At the time of initial assignment for employees to the work site, or whenever a new hazard is introduced into the work area, employees will attend a health and safety meeting or briefing that includes the information indicated below.

- Hazardous chemicals present at the work site.
- Physical and health risks of the hazardous chemicals.
- The signs and symptoms of overexposure.
- Procedures to follow if employees are overexposed to hazardous chemicals.
- Location of the MSDS file and Written Hazard Communication Program.
- How to determine the presence or release of hazardous chemicals in the employee's work area.
- How to read labels and review MSDSs to obtain hazard information.
- Steps WESTON has taken to reduce or prevent exposure to hazardous chemicals.
- How to reduce or prevent exposure to hazardous chemicals through the use of controls procedures, work practices, and personal protective equipment.
- Hazardous, nonroutine tasks to be performed (if any).
- Chemicals within unlabeled piping (if any).

Hazardous Nonroutine Tasks

When employees are required to perform hazardous nonroutine tasks, the affected employee(s) will be given information by the SO about the hazardous chemicals he or she may use during such activity. This information will include specific chemical hazards, protective and safety measures the employee can use, and steps WESTON is using to reduce the hazards. These steps include, but are not limited to, ventilation, respirators, presence of another employee, and emergency procedures.

Chemicals in Unlabeled Pipes

Work activities may be performed by employees in areas where chemicals are transferred through unlabeled pipes. Prior to starting work in these areas, the employee will contact the SO, at which time information as to the chemical(s) in the pipes, potential hazards of the chemicals or the process involved, and the safety precautions that should be taken will be determined and presented.

Multi-Employer Work Sites

It is the responsibility of the SO to provide other employers with information about hazardous chemicals imported by WESTON to which their employees may be exposed, along with suggested safety precautions. It is also the responsibility of the SO and the Site Manager to obtain information about hazardous chemicals used by other employers to which WESTON

employees may be exposed. WESTON's chemical listing will be made available to other employers, as requested. MSDSs will be available for viewing, as necessary. The location, format, and/or procedures for accessing MSDS information must be relayed to affected employees.

SITE AIR MONITORING PROGRAM-FORM 29 **Field Data Sheets** Location: GM: Shield Probe/ Thin Window Aerosol Monitor NaI ZnS PID (units) FID (units) (mg/m^3) % LEL % O2 mR/hr (uR/hr) cpm (cpm) Monitox (ppm) Detector Tube(s) Sound Levels (dBA) Illumination pН Other Other Other Other Other Location: Aerosol GM: Shield Probe/ Monitor Thin Window NaI ZnS mR/hr % LEL % O2 PID (units) FID (units) (mg/m^3) cpm (uR/hr) (cpm) Monitox (ppm) Detector Tube(s) Sound Levels (dBA) Illumination pH Other Other Other Other Other

	AIR MONIT	ORING/S	SAMPLII	NG DAT	TA LO	G-FORM 3	0	
Client:			W.O. No	D.:		Sample	No.:	
Address:			Sampled	l By:		Date:		
D13- 103938293		Employee	and Loca	tion Info	rmatio	n		
Employee Name:			nployee No			Job Title:		
Hood SA	PR	Full Face		Manufa		Shoes C	artridge Type:	Other:
					2 1			
		137 **	Sampling	g Data	30	I.D. 75 15		
Source	☐ Personal EL ☐ Area ☐ tial Shift ☐ Gra	Media:				Pump Type/S	eriai No.:	
Calibrator/Serial No.:		Pre-Cal 1. 2. 3. avg-pre	libration:			Post-Calibrat 1. 2. 3. avg-post:	tion:	
Start Time:	Restart Time:		tart Time:		Avg. Flov	vrate:	% Change:	
1st Stop Time:	2 nd Stop Time:	3 rd S	Stop Time:	3,21,	Total Tin	ne:	Volume:	
Multiple Samples for tl ☐ Yes ☐ No	his TWA:	Multiple Cher ☐ Yes	☐ No			Exposure Time: Normal	☐ Worst Case	
		Sa	ampling Co	onditions				
Weather Conditions: Engineering Controls:	Temp:	R.H:		B.P.:		Other:		
Engineering Controls.								
Substance	Result	Substan	ibstances I	Evaluated Result		Substance	D	esult
Substance	Result	Substan		Result		Substance	K	csuit
		Obser	rvations an	id Comm	ents			
					Total Control			
			711					
			1	- demail			13 13 1 1	
						We have	Transfer of the	
		A 7/15/2 -				- 05 %		
		Stary War			1. 16			v I
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QA by:	Date					CONTRACT OF A		

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